

## ABSTRACT

The invention relates to the detection and determination of erythrocytopathies and hemoglobinopathies. The invention provides a method for distinguishing between subsets of red blood cells in a sample involving contacting the sample with at least a first marker reagent reactive with a first component of a red blood cell and with at least a second marker reagent reactive with a second component of a red blood cell and determining the reactivity of the marker reagents with the cells.

N:\2183\6372\pat.app.doc